Attorney Docket No.: 2000.006.00/US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In application of:		§ §	Group Art Unit: Unknown				
	ndrew E. Horch ed Hause	900	Examiner: Unknown				
	No.: Unknown	§					
Filed:	Concurrently Herewith	8	Atty Docket: 2000.006.00/US				
	THYRISTOR SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURE	<i><u>aaaaaaaaaaaa</u></i>					
	STANT COMMISSIONER FOR PATENTS ington, D.C. 20231						
	INFORMATION DISCLOSUE	RE S	TATEMENT				
Sir:	This Information Disclosure Statement is su	ıbmi	tted [.]				
	under 37 CFR §1.97 (b) (Within three months a continued prosecution application unthe date of entry of the national stage as application; before mailing date of first offic mailing of a first Office action after the filing under §1.114);	ths older set for a	of filing national application other §1.53(d); or within three months of orth in §1.491 in an international ction on the merits; or before the				
	under 37 CFR §1.97 (c) (before the mailing 1.113, a notice of allowance under § 1.311 prosecution in the application, and it is acc	, or a	an action that otherwise closes				
	(1) ☐ The statement specified in 37 CF(2) ☐ The fee set forth in §1.17(p); or	R §1	1.97 (e[WDF1]); or				
	under 37 CFR §1.97 (d) (after the period spection, provided that the information disclopayment of the issue fee and is accompani	osure	e statement is filed on or before				
	(1) The statement specified in 37 CFR §(2) The fee set forth in §1.17(p).	1.97	(e[WDF2]); and				
\boxtimes	Applicant(s) submit herewith <u>Form PTO 1449</u> -Information Disclosure Citation together with copies of patents, publications or other information of which applicant(s) are aware, which applicant(s) believe(s) may be material to the examination of this application and for which there may be a duty to disclose in accordance with 37 CFR 1.56.						
It is re	equested that the information disclosed herein	n be	made of record in this application.				
	Respectfu	Ily si	ubmitted,				

FIELDS IP, P.S. 1014 Franklin Street, Suite 218 Vancouver, WA 98660 WALTER D. FIELDS REG. NO. 37,130 360-750-9936

Attorney Docket No.: 2000.006.00/US

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control

number.

	Substitute for fo	orm 1449/	VPTO	Complete if Kn wn			
				Application Number			
			CLOSURE	Filing Date	June 26, 2003		
	STATEMENT BY APPLICANT FORM PTO-1449 (Modified)			First Named Inventor	Andrew E. Horch		
FOR	M P I O-14	149 (N	noaitiea)	Art Unit			
(USE AS MANY SHEETS AS NECESSARY)			NECESSARY)	Examiner Name			
SHEET	1	OF	3	Attorney Docket Number	2000.006.00/US		

1

U.S. PATENT DOCUMENTS						
Examiner Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
	No.1	Number- Kind Code (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
		US-6,350,656	02-26-02	Lin, et al.		
		US-6,346,449	02-12-02	Chang, et al		
		US-6,326,251	12-04-01	Gardner, et al		
		US-6,294,415	09-25-01	Tseng, et al		
		US-6,284,613	09-04-01	Subrahmanyam et al		
		US-6,261,935	07-17-01	See, et al		
		US-6,258,682	07-10-01	Tseng		
		US-6,242,785	06-05-01	Hossain, et al		
		US-6,187,619	02-13-01	Wu		
		US-6,124,177	09-26-00	Lin, et al		
		US-6,037,204	03-14-00	Chang, et al		
		US-6,030,863	02-29-00	Chang, et al		
		US-6,001,738	12-14-99	Lin, et al		
		US-5,989,950	11-23-99	Wu		
		US-5,982,017	11-9-99	Wu, et al		
	-	US-5,902,125	05-11-99	Wu		

FOREIGN PATENT DOCUMENTS								
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,			
Initials	No.1	Country Code3-Number4 - Kind Code 5 (if known)	1414 55 10004	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T6		

Examiner	Date	
Signature	Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Attorney Docket No.: 2000,006,00/US

PTC/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control

	Substitute for fo	orm 1449/	VPTO	Complete if Known		
				Application Number		
			CLOSURE	Filing Date	June 26, 2003	
			PLICANT	First Named Inventor	Andrew E. Horch	
	M PTO-14	•	•	Art Unit		
(USE A	S MANY SHEL	ETS AS	NECESSARY)	Examiner Name		
SHEET	2	OF	3	Attorney Docket Number	2000.006.00/US	

U.S. PATENT DOCUMENTS						
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*	No.1	Number- Kind Code (# known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
		US-5,891,771	04-06-99	Wu, et al		
		US-5,807,759	09-15-98	Naem, et al		
		US-5,399,513	03-21-95	Liou, et al		
		US-5,126,279	06-30-92	Roberts		
		US-4,956,311	09-11-90	Liou, et al		
		US-4,876,213	10-24-89	Pfiester		
		US-6,462,359	10-08-02	Nemati et al.		
		US-6,229,161	05-08-01	Nemati et al.		
		US-				
		US-				
		US-				
		US-				
		US-			-	
		US-				
		US-				
		US-	1			

	FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,			
Initials No.1		Country Code3-Number4 - Kind Code 5 (# known)	1414 55 10004	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	Te		
						L_		

Examiner	Date	
Signature	Considered	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

Attorney Docket No.: 2000.006.00/US

PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Substitute for	form 1449/	VPTO	Complete if Known		
				Application Number		
			LOSURE	Filing Date	June 26, 2003	
STATEMENT BY APPLICANT FORM PTO-1449 (Modified)				First Named Inventor	Andrew E. Horch	
		•		Art Unit		
(USE A	S MANY SHE	ETS AS I	VECESSARY)	Examiner Name		
SHEET	3	OF	3	Attorney Docket Number	2000.006.00/US	

ı

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the Examiner item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue T2 Initials* No. 1 number(s), publisher, city and/or country where published. MARK RODDER and D. YEAKLEY; Raised Source/Drain MOSFET with Dual Sidewall Spacers; IEEE ELECTRON DEVICE LETTERS; March 1991; pp. 89-91; VOL. 12, NO. 3; IEEE HSIANG-JEN HUANG; Improved Low Temperature Characteristics of P-Channel MOSFETs with Si_{1-x}Ge_x Raised Source and Drain; IEEE Transactions On Electron Devices, Vol. 48, No. 8, August 2001, pp. 1627-1632; 0018-9383(01)05680-5 2001 IEEE T. OHGURO; High Performance RF Characteristics of Raised Gate/Source/Drain CMOS with Co Salicide; Symposium on VLSI Technology Digest of Technical Papers; 0-7803-4700-6/98 1998 IEEE YANG-KYU CHOI; Nanoscale Ultrathin Body PMOSFETs With Raised Selective Germanium Source/Drain; IEEE ELECTRON DEVICE LETTERS; September 2001; Vol. 22, No. 9, pp. 447-448; 0741-3106(01)07740-0 2001 IEEE N. LINDERT: Quasi-Planar FinFETs with Selectively Grown Germanium Raised Source/Drain; 2001 IEEE International SOI Conference; 10/01; pp. 111-112; 0-7803-6739-1/01 2001 IEEE K. DE MEYER; Raised Source/Drains with Disposable Spacers for Sub 100 nm CMOS Technologies; Extended Abstracts of International Workshop on Junction Technology 2001; pp. 87-90; ISBN 4-89114-019-4/020-8; 2001 Japan Society of Applied Physics

Examiner	· -	Date	
	1		
Signature		Considered	i
]		00110100100	
			J

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.